

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001518

## CLASSIFICATION OF SUBJECT MATTER

**IPC7 C07C 317/30**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
The Korean patents and applications for the inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CA: Structure searched based on Formula 1

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/100824 A1 (Chemical Research Incorporation, Korea Tobacco & Ginseng Corporation) 19 December 2002, see the whole document	1-6
X	Guan, Jian et al., "Antitumor Agents. 185. Synthesis and Biological Evaluation of Tridemethylthiocolchicine Analogs as Novel Topoisomerase II Inhibitors", Journal of Medicinal Chemistry, 1998, 41(11), 1956-1961 see scheme 1 on page 1985, compounds 16-26	1-6
X	Sun, Li et al., "Antitumor agents. 141. Synthesis and biological evaluation of novel thiocolchicine analogs: N-acyl, N-aryl-, and N-(substituted benzyl)deacetylthiocolchicines as potent cytotoxic and antimitotic compounds", Journal of Medicinal Chemistry, 1993, 36(10), 1474-9 see compounds 13, 19	1-6
X	Plourde, Robert et al., "A hepatocyte-targeted conjugate capable of delivering biologically active colchicine in vitro", Bioconjugate Chemistry, 1996, 7(2), 281 see figure 1 and scheme 1, compounds 4, 7	1-6
A	WO 97/01570 A1(INDENA S.P.A.) 16 January 1997	1-6

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

23 SEPTEMBER 2004 (23.09.2004)

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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